IN THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims

1-20. (Cancelled)

19. (Original) A method for providing an external blow-off valve for a turbocharger compressor having a recirculation valve configured for attachment to a valve mounting flange defining a recirculation valve inlet port and a recirculation valve outlet port that are selectively connected to one another by the recirculation valve when the recirculation valve is operating in a recirculation mode, to thereby provide internal recirculation from a compressor outlet operatively connected in fluid communication with the recirculation valve inlet port to a compressor inlet operatively connected in fluid communication with the recirculation valve inlet port, and disconnected from one another by the recirculation valve when recirculation valve is not operating in the recirculation mode, to thereby block internal recirculation between the compressor outlet port and the compressor inlet port, the method comprising installing an external blow off adaptor between recirculation valve and the valve mounting flange.

20. (Original) The method of claim 19, further comprising:

separating the recirculation valve from the valve flange;

inserting the external blow-off adaptor between the recirculation valve and the valve mounting flange; and

clamping the external blow-off adaptor between the recirculation valve and the valve mounting flange.

21. (New) A compressor recirculation valve for a turbocharger compressor

comprising:

a recirculation housing;

a mounting flange supporting said recirculation housing, said mounting flange defining a valve inlet port in fluid communication with a compressor outlet and a valve outlet port in selective fluid communication with a compressor inlet; and

a blow-off adaptor disposed between said recirculation housing and said mounting flange, said blow-off adaptor defining an inlet passage providing fluid communication between said valve inlet port and said recirculation housing.

22. (New) The compressor recirculation valve of Claim 21, wherein said blow-off adaptor includes at least one blow-off vent in fluid communication with said recirculation housing.

23. (New) The compressor recirculation valve of Claim 22, wherein said at least one blow-off vent is fluidly coupled to said recirculation housing by a blow-off passage, said blow-off passage formed in said mounting flange substantially parallel to said valve inlet port and said valve outlet port.

24. (New) The compressor recirculation valve of Claim 23, wherein said at least one blow-off vent extends radially from said blow-off passage, said at least one blow-off vent being substantially perpendicular to said blow-off passage.

25. (New) The compressor recirculation valve of Claim 21, further including a wall disposed between said mounting flange and said blow-off adaptor, said wall preventing fluid communication between said recirculation housing and said valve outlet port.

26. (New) The compressor recirculation valve of Claim 25, wherein said wall includes an opening aligned with said valve inlet port to allow fluid communication between said blow-off adaptor, said mounting flange, and said recirculation housing.

27. (New) The compressor recirculation valve of Claim 25, wherein said wall is

integrally formed with said blow-off adaptor.

28. (New) The compressor recirculation valve of Claim 21, further including a recirculation valve controller.

29. (New) A blow-off adaptor for a recirculation valve of a turbocharger compressor, the blow-off adaptor comprising:

a main body disposed between a recirculation housing and a mounting flange;

an inlet port formed through said main body and providing fluid communication between said recirculation housing and said mounting flange;

a blow-off passage formed through said main body and substantially parallel to said inlet port; and

at least one blow-off vent in fluid communication with said blow-off passage and formed substantially perpendicular to said blow-off passage;

wherein said blow-off passage provides selective fluid communication between said recirculation housing and said at least one blow-off vent.

30. (New) The blow-off adaptor of Claim 29, wherein said at least one blow-off vent extends radially from said blow-off passage.

31. (New) The blow-off adaptor of Claim 29, further including a wall disposed between said mounting flange and said main body.

32. (New) The blow-off adaptor of Claim 31, wherein said wall includes an opening aligned with said inlet port to allow fluid communication between said blow-off adaptor, said mounting flange, and said recirculation housing.

33. (New) The blow-off adaptor of Claim 31, wherein said wall is integrally formed with said main body.

34. (New) The blow-off adaptor of Claim 29, further including a recirculation valve controller.